

THE WORLD'S BEST CORE DRILL



CORE DRILL

- 100% MADE IN GERMANY
- Universal Shank-Fits 95% of Drills
- Geometry perfected for smooth, easy and precise cutting



www.excision.com.au

Excision[®]
Dependable Precision

THE WORLDS BEST CORE DRILL

DRILLS EASIER FOR LONGER

- 1 pin fits every diameter – 12mm to 50mm
- High Speed Steel with 5% Cobalt
 - Longer lasting
 - Will drill harder materials
- Multi Fit – fits all makes of magnetic based drills including all quick change systems

BEST CORE DRILL ON THE MARKET

- 100% German made
- Independent tests prove that this cutter lasts up to 60% longer than other brands
- Insist on Excision cobalt cutters from now on
- Unique geometry design increase speed and reduces power required to make holes
- Don't get fooled by blue coloured cutters, coating only lasts until first sharpen, cobalt cutters once resharpened will continue to last up to 50% longer... every resharpen.

THE CORE DRILLING PRINCIPLE

- Core Drills remove only a fraction of the material of a twist drill, for the same diameter. The remaining core is ejected as the drilling process finishes.
- Minimal power and feed pressures are required compared to a twist drill.
- With twist drills it is often required to pre-drill. This is not necessary when using core drills, as you can drill straight through with the diameter required.
- Centrifugal force keeps the coolant on the core drill (internally) instead of throwing it out, minimising overspray and cooling more effectively.



THE WHOLE DRILLING PROCESS IS MUCH FASTER, SAVING YOU TIME AND MONEY

The Excision Core Drill

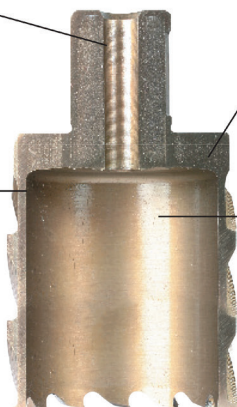
Internal Bore for ejector pin + coolant supply

Optimized wall thickness

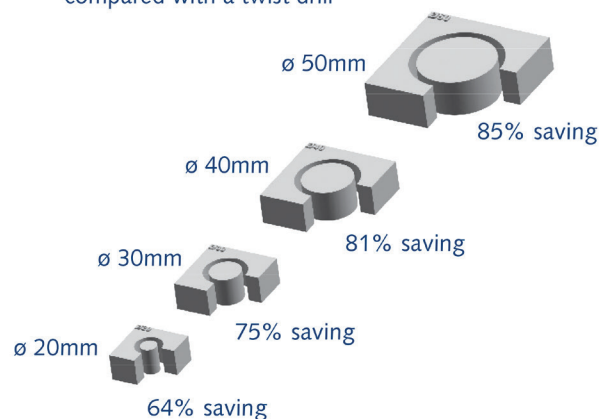
Conical Grinding

usable cutting depth

Optimized tooth shape with pre- and post-cutter



Economies on chipping volume of a core drill compared with a twist drill



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